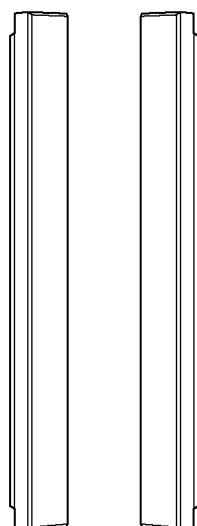


Service Manual

Speakers for Plasma Display

TY-SP58P10WK

TY-SP58P10CK



Specifications

TY-SP58P10WK/TY-SP58P10CK

Speaker unit

Woofer	8 cm dia. x 2
Tweeter	6 cm dia. x 1

Rated impedance

6 Ω

Rated input

8 W

Dimensions (W x D x H)

main body	$4\frac{7}{32}$ " (107 mm) x $3\frac{15}{32}$ " (88 mm) x $33\frac{3}{16}$ " (843 mm)
with packing	$36\frac{49}{64}$ " (934 mm) x $11\frac{37}{64}$ " (294 mm) x $8\frac{31}{32}$ " (228 mm)

Mass (weight)

main body	5.5 lb (2.5 kg) (per speaker)
with packing	15.4 lb (7.0 kg)

Cabinet material

Styrene plastic

Note:

Design and Specifications are subject to change without notice. Weight and Dimensions shown are approximate.

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Installation Instructions

1.1. Safety Precautions

CAUTION

After installing the speakers, do not hold or move the display by lifting the speakers.

- The mounting brackets may get damaged, and personal injury may result.

Do not suspend the speakers.

- Personal injury may result if the speakers fall off. Take particular care to ensure the safety of children.

These speaker are for use with the Plasma Display.

- If connecting them to some other amplifier, make sure that the maximum input is within the rated level (8 W). If the input level is exceeded, fire may result.

Make sure that all screws are tightened securely during installation.




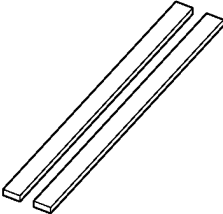
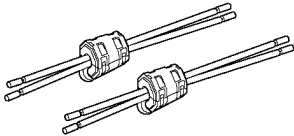
- Ensure that the installation is carried out correctly to prevent the speakers from becoming detached, and possibly causing possible personal injury.

1.2. Notes on use

1. If connecting to an external amplifier that exceeds the rated input for the speakers, keep the amplifier volume suitably low to protect the speakers from damage. If any problems occur with speaker operation, disconnect the mains lead of the amplifier and consult a qualified service technician.
2. Do not place the speakers in the following places:
 - Areas that are exposed to direct sunlight
 - Near heaters or other heat sources
 - Areas subject to high humidity
3. This set is equipped with magnetic resistant speakers. However be careful not to place it near a CRT as it may cause color patches.
4. To clean the speakers, wipe them with a soft cloth. If they are extremely dirty, wipe them with a cloth that has been soaked in a small amount of household detergent, and then wipe them dry with a separate cloth.
 - Do not use solvents such as alcohol or thinner.
 - If using chemically-treated cloths, follow the instructions supplied with the cloth packaging.

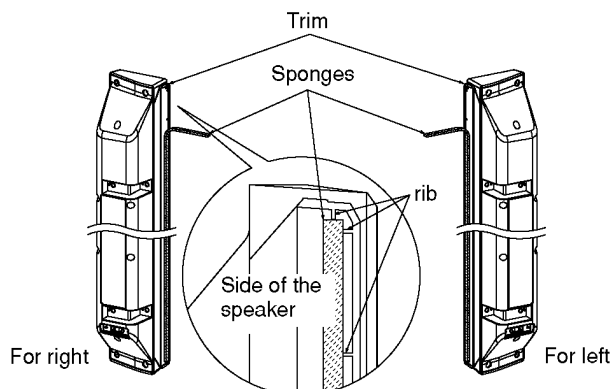
1.3. Accessories

Accessories

Mounting bracket (right)2  Mounting bracket (left)2 	Bracket mounting screw12 	Sponge2 	Speaker cable (28 cm)2 
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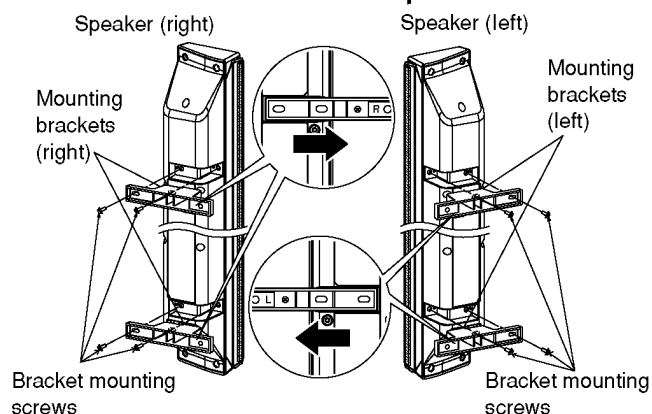
1.4. Installation

1. Attach the sponges to the speakers.



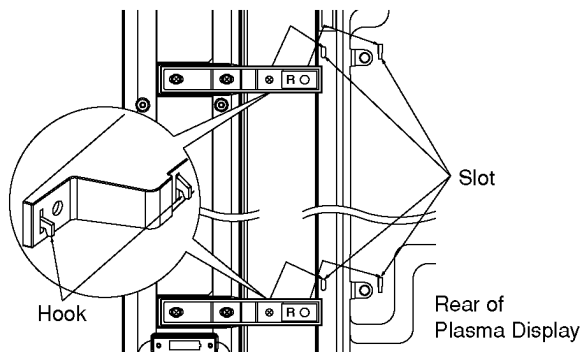
- Attach the sponges to the surfaces which are in contact with the Display.
- Clean the surfaces before attaching the sponges.
- Attach the sponge along the rib on the speaker.

2. Attach the mounting brackets to the speakers.



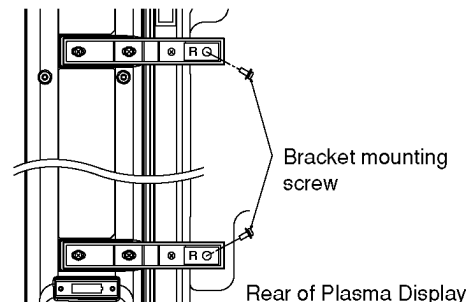
- Secure the top and bottom mounting bracket by tightening the bracket mounting screw.
- As shown in the enlarged views, adjust the speakers so that there is some clearance between them and the display by sliding the right speaker to the right, and the left speaker to the left, and then secure the bracket mounting screws.
- Securely tighten the bracket mounting screws.

3. Attach the speakers to the Plasma Display.



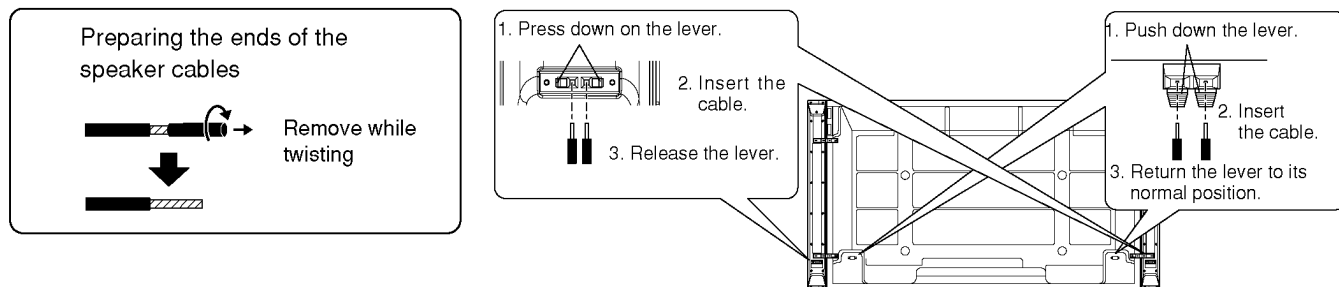
- Insert the hooks on the top and bottom mounting brackets simultaneously into the slots at the rear of the plasma display, and then lower the speaker into place.
- Attach the left speaker in the same way.

4. Secure the speakers in place.



- Secure the top and bottom mounting brackets by tightening the bracket mounting screws.
- Secure the left speaker in the same way.
- To change the amount of clearance between the speakers and the display, loosen the bracket mounting screws, make adjustments as desired, and then tighten the screws.
- Tighten the bracket mounting screws securely so that the speakers are not loose and do not rattle.

5. Connect the speaker cables.



- After preparing the ends of the speaker cables, connect them as shown.
- The red cable is for the (+) side and the black cable is for the (-) side. Do not connect the cables to the wrong sides.
- When connecting the speaker cable, make sure that the core of the cord does not short.

2 Replacement Parts List

2.1. Parts List

2.1.1. TY-SP58P10WK

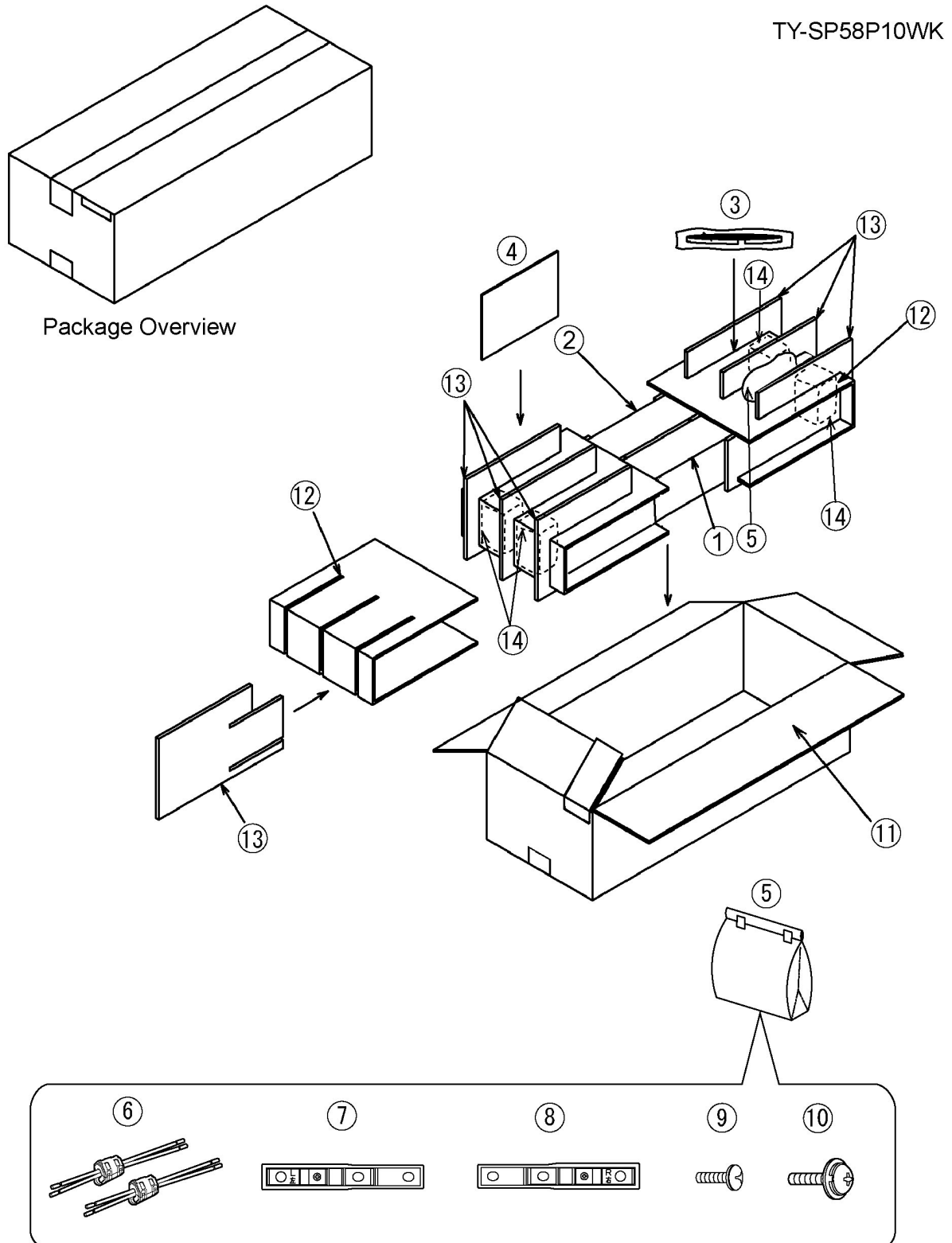
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	EAB849BL	SPEAKER (LEFT)	1	
2	EAB849BR	SPEAKER (RIGHT)	1	
3	BZ-N4758A0E	CUSHION	2	
4	TQZH904	INSTRUCTION BOOK	1	△
5	XZB18X80C02A	POLY BAG	1	
6	TPASK08	SPEAKER CORD KIT	1	
7	TXFKR01WCTJ	BRACKET ASSY (LEFT)	2	
8	TXFKR02WCTJ	BRACKET ASSY (RIGHT)	2	
9	XTV3+8JFJK	SCREW	2	
10	XYN4+F10FJK	SCREW	12	
11	BPC-8A12B	CARTON BOX	1	
12	BJP-14272A	PARTITION PAD A	2	
13	BJP-14273A	PARTITION PAD B	6	
14	AP-Z253A	AIR CAP	4	

2.1.2. TY-SP58P10CK

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	TXFGA01WCTC	SPEAKER (LEFT)	1	
2	TXFGA02WCTC	SPEAKER (RIGHT)	1	
3	BZ-N4758A0E	CUSHION	2	
4	TQZH905	INSTRUCTION BOOK	1	△
5	TXFQF01WCTC	POLY BAG	1	
6	TPASK08	SPEAKER CORD KIT	1	
7	TXFKR01WCTJ	BRACKET ASSY (LEFT)	2	
8	TXFKR02WCTJ	BRACKET ASSY (RIGHT)	2	
9	XTV3+8JFJK	SCREW	2	
10	XYN4+F10FJK	SCREW	12	
11	BPC-8A12C	CARTON BOX	1	
12	TXFQF03WCTC	PARTITION PAD A	2	
13	TXFQF04WCTC	PARTITION PAD B	6	
14	AP-Z253A	AIR CAP	4	

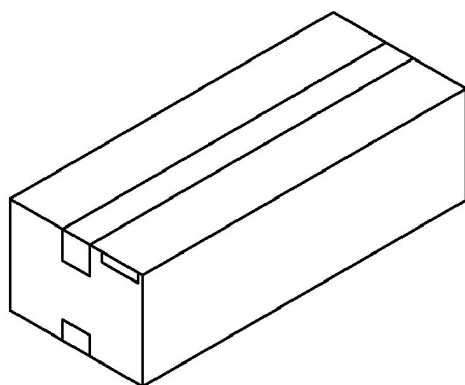
2.2. Packing Summary

2.2.1. TY-SP58P10WK

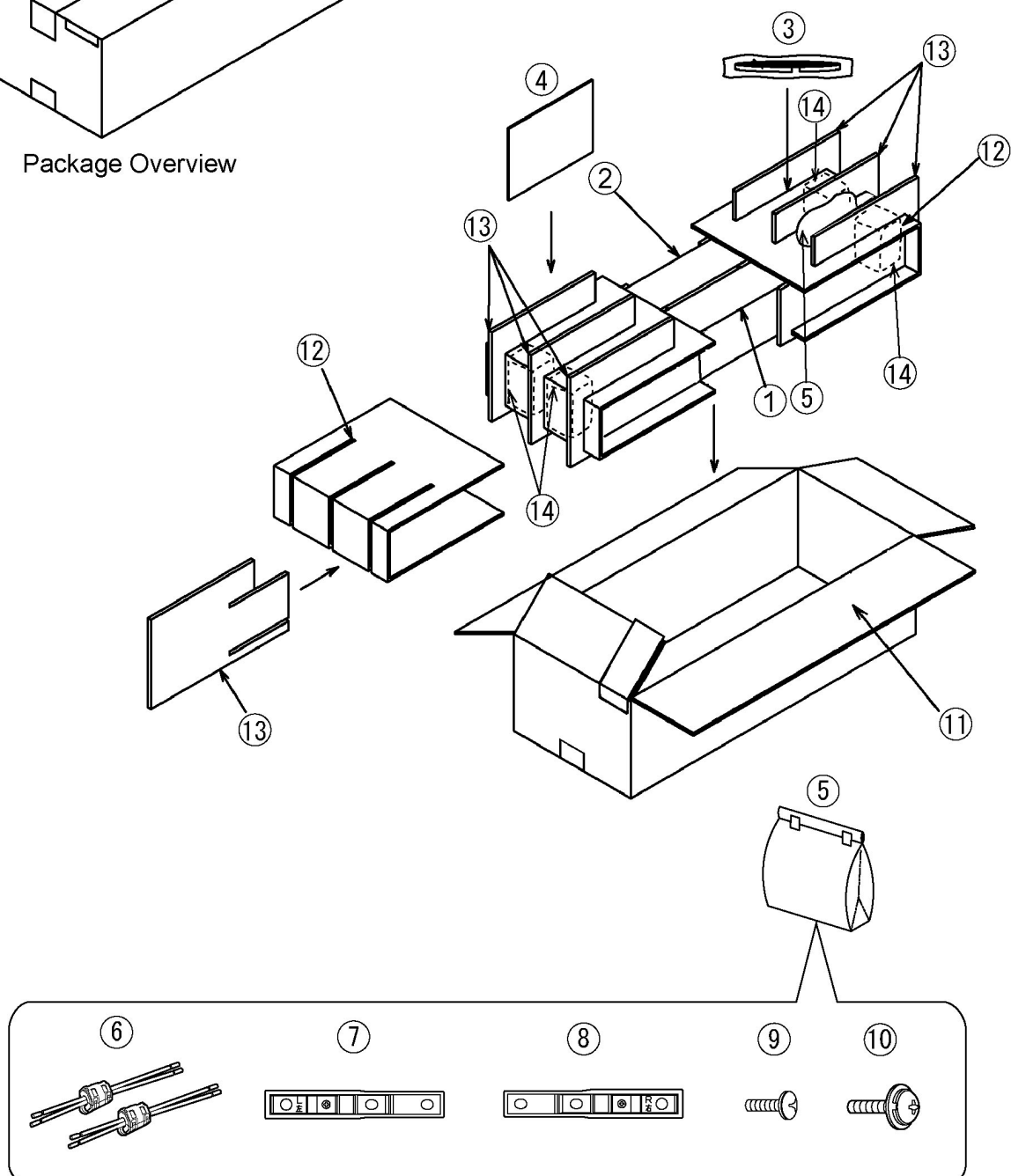


2.2.2. TY-SP58P10CK

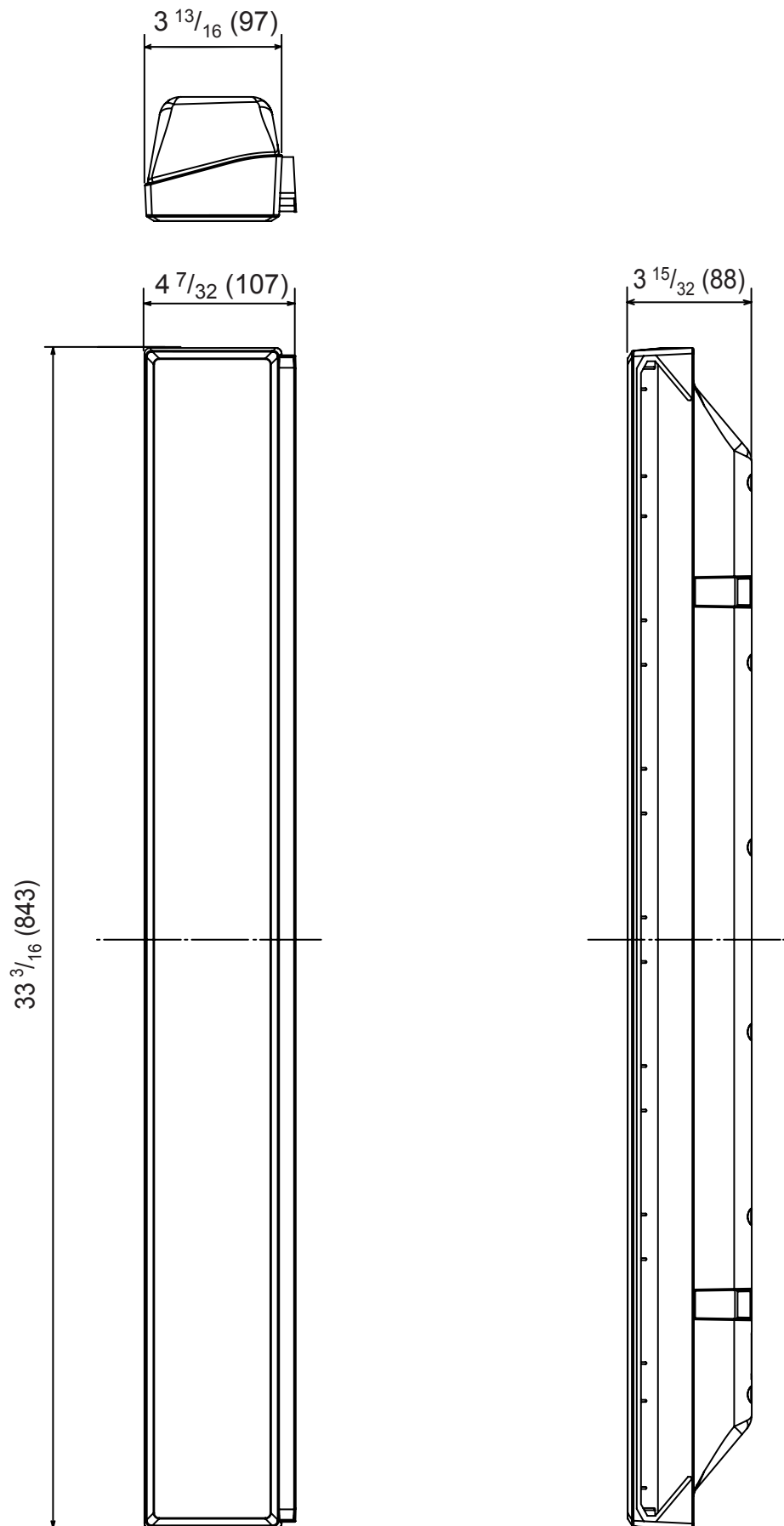
TY-SP58P10CK



Package Overview



3 External Dimensions drawing



[Unit : inches (mm)]